

1 ABSTRACT OF THE DISCLOSURE

2 A system for providing a file with text in multiple languages,  
 3 which includes a file having text for displaying in multiple languages, a string  
 4 identifier for uniquely identifying each text in the file, a language identifier for  
 5 uniquely identifying each language available for the file, a localized string for  
 6 displaying text defined by the string identifier and the language identifier, a  
 7 message catalog for storing a plurality of the localized strings, and a localized  
 8 string retrieval function for retrieving the localized string according to the  
 9 string identifier and the language identifier from the message catalog.

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